

ABSTRACT

An improved electrical interconnect member for rechargeable battery packs is provided.

The interconnect member includes a metal tab and a plastic housing. The metal tab preferably includes side bends projecting below the tab in a non-perpendicular geometric orientation with

5 the top of the tab. The tab includes at least one lance for preventing post-assembly, lateral movement between the tab and housing. The housing is preferably Y-shaped, with the outer surfaces of the Y having concave curvatures. The concave curvatures allow the housing to seat between adjoining, cylindrical cells. The housing includes a rail with a cross section that corresponds to the area between the side bends and the top of the tab. The housing also includes
10 a post for coupling to the lances.